

Art Unit: 1631

CLAIMPTO

WNP

01/05/2005

1. (Currently amended) An isolated TgAMA-1 polypeptide molecule ~~comprising~~ consisting essentially of an antigenic fragment of the polypeptide sequence set forth as amino acids 23-456 of SEQ ID NO:1.
2. (Original) A fusion protein comprising the antigenic polypeptide of claim 1.
14. (Currently Amended) A ~~vaccine composition~~ comprising the isolated TgAMA-1 polypeptide of claim 1 and an adjuvant.
38. (Previously Presented) The ~~vaccine composition~~ of claim 14, wherein the ~~vaccine composition~~ is a proteosome ~~vaccine~~.

CLAIM 40 IN EXAMINERS AMENDMENT

23. (Original) A TgAMA-1 binding polypeptide that selectively binds to the isolated TgAMA-1 polypeptide of claim 1.
24. (Original) The TgAMA-1 binding polypeptide of claim 23, wherein the binding polypeptide is an antibody or antigen-binding fragment of an antibody.

25. (Original) The TgAMA-1 binding polypeptide of claim 24, wherein the antibody or antigen-binding fragment specifically binds to a region comprising about 12 or more cysteine residues of the isolated polypeptide of claim 1.

26. (Original) The TgAMA-1 binding polypeptide of claim 23, wherein the binding polypeptide blocks entry of Toxoplasma parasite into a cell.